

NACTO

# DESIGNING CITIES 2014

SAN FRANCISCO





**National  
Association  
of City  
Transportation  
Officials**

**Edward Reiskin**  
Director of Transportation  
San Francisco Municipal  
Transportation Agency  
*President*

**Rina Cutler**  
Deputy Mayor for  
Transportation & Utilities  
City of Philadelphia  
*Vice President*

**Danny Pleasant**  
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**Robin Hutcheson**  
Director of Transportation  
Salt Lake City  
*Affiliate Member  
Representative*

**Janette Sadik-Khan**  
*Chair*

**Linda Bailey**  
*Executive Director*

**Corinne Kisner**  
*Program Manager,  
Designing Cities*

**MISSION**

The National Association of City Transportation Officials (NACTO) is a 501(c)(3) non-profit association that represents large cities on transportation issues of local, regional and national significance. NACTO views the transportation departments of major cities as effective and necessary partners in regional and national transportation efforts, promoting their interests in federal decision-making.

We facilitate the exchange of transportation ideas, insights and best practices among large cities, while fostering a cooperative approach to key issues facing cities and metropolitan areas. As a coalition of city transportation departments, NACTO is committed to raising the state of the practice for street design and transportation by building a common vision, sharing data, peer-to-peer exchange in workshops and conferences, and regular communication among member cities.

We believe that by working together, cities can save time and money, while more effectively achieving their policy goals and objectives.

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Detroit  
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Somerville, MA  
Ventura, CA

**INTERNATIONAL  
MEMBERS**

Montreal  
Toronto  
Vancouver

# LEADING THE WAY

In San Francisco and in all cities across North America, city transportation departments are re-imagining our mission, seizing the opportunity to design our streets as livable, sustainable places for people. As local leaders and practitioners, we are charged with implementing the ideals of our communities and meeting high standards for quality of life. Cities are where change is happening, where ideas manifest into tangible projects, and where our goals for urban living can become reality.

It's been a year of action since NACTO released the *Urban Street Design Guide* in October 2013. This guidebook has advanced from a blueprint to embedded practice, with exemplary projects coming to fruition across the country. From protected bike lanes in Seattle to pedestrian plazas in Los Angeles, cities are moving quickly to transform the public realm. Seven state DOTs and 40 cities have endorsed the *Urban Street Design Guide*, and the Federal Highway Administration supports its use across the United States. NACTO has conducted trainings and design charrettes in communities eager to re-conceptualize their streets, from Hoboken to Atlanta, Oakland to Charlotte. Our partners in Canada are now contributing their experience to the NACTO network as well; Toronto, Vancouver and Montreal have joined the movement for better street design.

A critical element of our efforts is the safety of all street users. Cities from San Francisco to Chicago to New York have committed to eliminate death and serious injury on city streets, seizing the imperative to design for safety, and refuting the notion that crashes are inevitable. As stewards of our cities' streets, we must strive to redesign intersections for improved visibility, to calm traffic, to reallocate space for pedestrians, and ultimately to create a safer environment for all. Through NACTO we can convene a network of peers to exchange best practices, share lessons learned, and achieve our common vision for safe streets and strong cities.

The Designing Cities conference, now in its 3rd year, is an unparalleled opportunity for conversations about our ambitious goals. I'm delighted to welcome this network of experts to San Francisco, and honored to lead this coalition of forward-thinking cities, charting a bold course for 21st century street design.



Ed Reiskin  
President, NACTO  
Director of Transportation, San Francisco Municipal Transportation Agency

# AGENDA

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## WEDNESDAY 10.22

### Transportation Innovation Day

12:00 PM – 12:45 PM

Registration and Lunch

*1st floor gallery, SPUR*

12:45 PM – 1:45 PM

Transportation Innovation Keynote

*2nd floor, SPUR*

1:45 PM – 2:45 PM // BREAKOUT

- Creating an Environment for Innovation  
*1st floor gallery, SPUR*
- Innovation in City Transportation Practices  
*2nd floor, SPUR*
- Blurring Lines: Public/Private Discourse to Plan for Transportation's Future  
*4th floor, SPUR*

3:00 – 4:00 PM

Ignite Presentations

*2nd floor, SPUR*

4:00 – 4:30 PM

Closing Remarks

*2nd floor, SPUR*

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6:00 PM – 9:00 PM

Designing Cities Opening Reception

*Jones, 620 Jones Street*

## THURSDAY 10.23

8:00 AM – 8:45 AM

Breakfast, *Cyril Magnin Ballroom*

8:45 AM – 10:00 AM

Opening Session, *Cyril Magnin Foyer & Ballroom*

Welcome

Commissioners' Panel

10:15 AM – 11:45 AM // BREAKOUT 1

- Activating Public Space and Prioritizing Pedestrians
- Leveraging Bike Share for Transportation Equity
- Modernizing Urban Arterials for Increased Mobility
- From Protected Bike Lanes to Bikeway Networks
- We Have Vision, Leadership and Plans. But How to Make Change?

12:00 PM – 1:00 PM

Lunch and Keynote, *Cyril Magnin Ballroom*

1:15 PM – 3:00 PM

TranspoShops 1, *Meet at Cyril Magnin Foyer*

3:15 PM – 4:45 PM // BREAKOUT 2

- Green Streets, Places, and Spaces
- The Sharing Economy: Transportation's Future
- CEQA Reform: Supplanting Auto Level of Service in California
- Workshop: Modernizing Urban Arterials
- Workshop: Protected Bike Lanes to Bikeway Networks

5:00 PM – 7:00 PM

Meet the Cities, *Cyril Magnin Foyer*

7:00 PM – 10:00 PM

Happy Hour

*Impact Hub, 901 Mission Street*

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## FRIDAY 10.24

7:45 AM – 8:45 AM

Affiliate Members' Breakfast, *Hearst Room*

8:00 AM – 8:45 AM

Breakfast, *Cyril Magnin Ballroom*

8:45 AM – 12:15 PM

NACTO Camp

*Cyril Magnin Foyer & Ballroom*

12:30 PM – 3:00 PM

Lunch and TranspoShops 2,  
*Meet at Cyril Magnin Foyer*

3:15 PM – 4:30 PM // BREAKOUT 3

- Investing in Infrastructure: Funding Local Transportation
- Designing Streets and Signals for Transit
- Complete Streets in Constrained Corridors: Resolving Conflicts and Balancing Users
- Intuitive Intersection Design
- Here Be Dragons: Addressing Legal Liability in California Street Design

4:45 PM – 6:00 PM // BREAKOUT 4

- Great Streets Make Great Cities
- Public Engagement and Community Visioning
- Workshop: Designing Streets and Signals for Transit
- Workshop: Complete Streets in Constrained Corridors
- Workshop: Intuitive Intersection Design

6:30 PM – 8:30 PM

VIP Reception (*by invitation only*)  
*San Francisco Railway Museum*

7:00 PM – 9:00 PM

Neighborhood Dine-arounds, *Various locations*

## SATURDAY 10.25

8:00 AM – 8:30 AM

Breakfast, *Cyril Magnin Ballroom*

8:30 AM – 10:00 AM

Plenary Session, *Cyril Magnin Ballroom*

Keynote Address

Panel

10:15 AM – 12:00 PM // BREAKOUT 5

- Illustrating Transportation: The Power of Visual Communication
- Building the Street of the Future
- Articulating Transportation: Shaping Mobility in the Press
- Vision Zero and the three E's: Engineering, Enforcement, Education

12:15 PM – 1:00 PM

Lunch and Closing Remarks, *Cyril Magnin Ballroom*

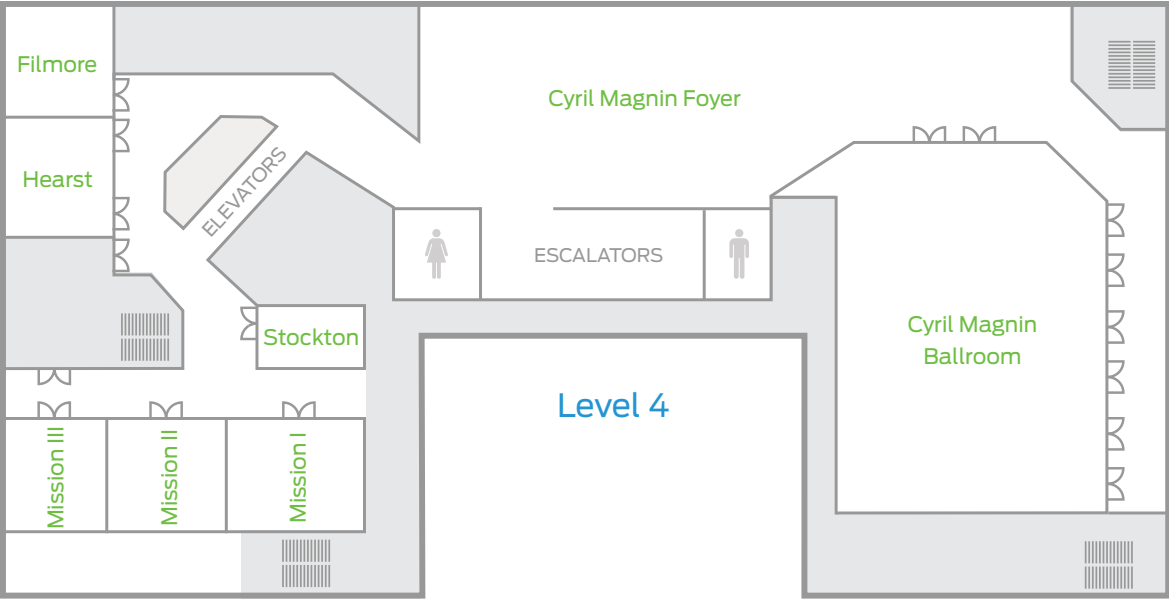
3:00 PM – 6:00 PM

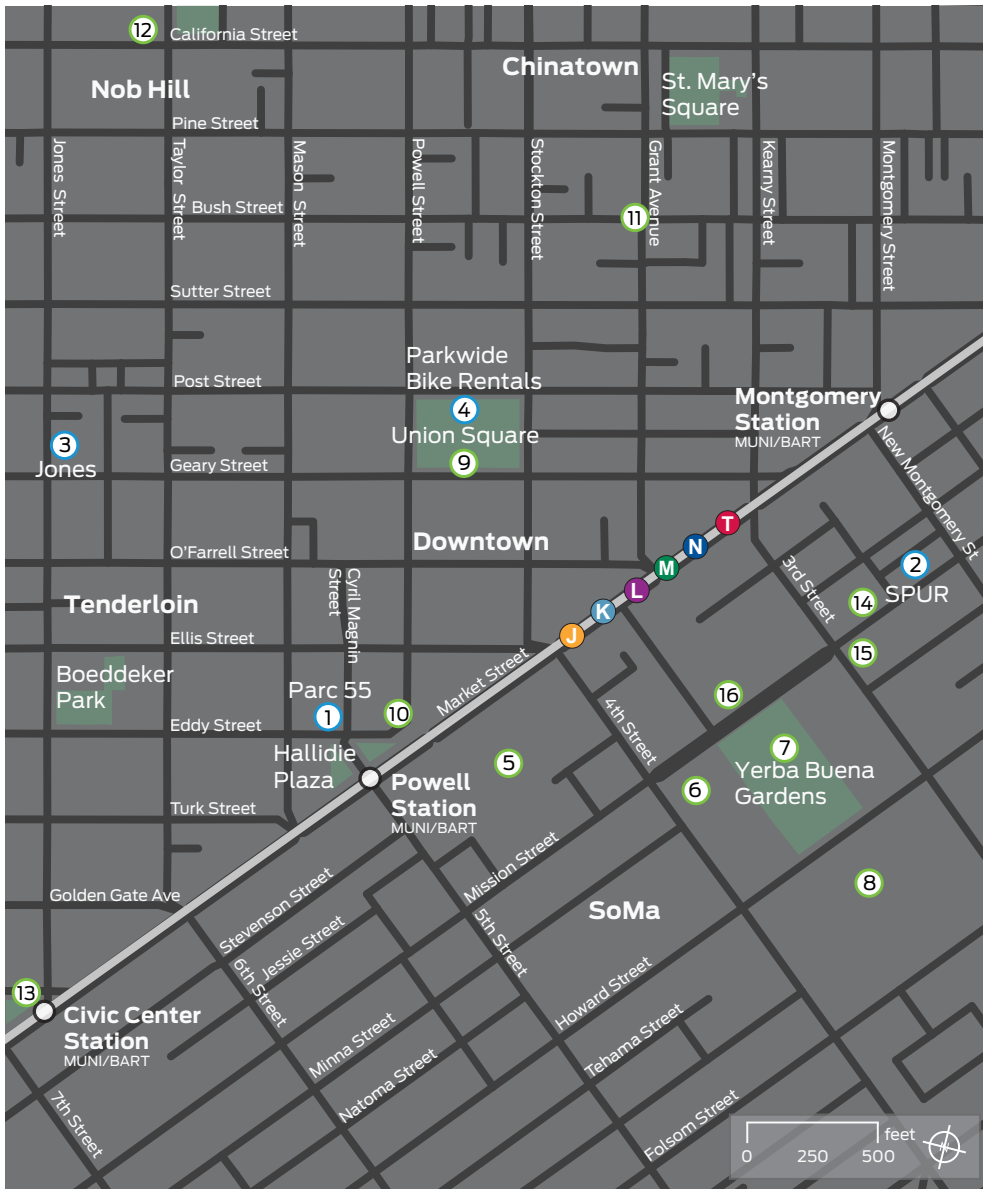
Bike Ride over Golden Gate Bridge (Optional)

## INSIDE THIS PROGRAM

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# PARC 55 & AREA





**CONFERENCE VENUE**

- |   |   |  |
|---|---|--|
| <ul style="list-style-type: none"> <li><b>1</b> Parc 55</li> <li><b>2</b> SPUR</li> <li><b>3</b> Jones</li> <li><b>4</b> Parkwide Bike Rentals</li> </ul> | <ul style="list-style-type: none"> <li><b>5</b> San Francisco Westfield Mall</li> <li><b>6</b> Metreon Shopping Center</li> <li><b>7</b> Yerba Buena Gardens</li> <li><b>8</b> Moscone Convention Center</li> <li><b>9</b> Union Square</li> <li><b>10</b> Cable Car Turntable</li> </ul> | <ul style="list-style-type: none"> <li><b>11</b> Chinatown Arch</li> <li><b>12</b> Grace Cathedral</li> <li><b>13</b> UN Plaza / City Hall</li> <li><b>14</b> California Historical Society</li> <li><b>15</b> Museum of the African Diaspora</li> <li><b>16</b> Contemporary Jewish Museum</li> </ul> |
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Unlocking the potential of our streets requires innovation and setting new standards for what's possible. Cities are leading the way, designing roadways that meet the demands of an increasingly urban age.

Janette Sadik-Khan  
NACTO Chair  
Former Commissioner,  
New York City Department of Transportation



# WELCOME TO DESIGNING CITIES

The Designing Cities Conference brings together city leaders, stakeholders, and advocates to discover and address the changes occurring in our cities, and to realize the visions of our communities.



**SFMTA**  
Municipal  
Transportation  
Agency

Thank you to the sponsors of Designing Cities 2014:



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This is the most exciting time in transportation since the technology that the Industrial Revolution brought us 100 years ago. We have an incredible opportunity if we embrace technology that will enable safer, lower-cost transportation for urban dwellers, thereby making cities affordable, manageable places to live.

Gabe Klein  
NACTO Strategic Advisory Board  
Former Commissioner, Chicago Department  
of Transportation



# TRANSPORTATION INNOVATION DAY

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// SPUR, 654 MISSION STREET, SAN FRANCISCO

Technology and mobile applications are changing the way we move throughout a city and informing our choices about transportation. Today, cities are experimenting with smart new strategies for data-driven policy, efficient project delivery, and rich public engagement. Transportation Innovation Day features new and transformative transportation technology apps, companies, and projects. This dedicated day will foster conversations between city transportation practitioners and entrepreneurs about how to integrate cutting-edge innovations into a shared vision for city life.

12:00 PM - 12:45 PM

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## REGISTRATION & LUNCH

// 1ST FLOOR GALLERY, SPUR

**Lunch is not included as part of registration but food trucks will be available outside of SPUR.**

WEDNESDAY 10.22.14

# OPENING SESSION // 2ND FLOOR, SPUR

## Introduction & Welcome

### Linda Bailey

Executive Director,  
NACTO

### Ed Reiskin

NACTO President  
Director, SFMTA

### Gabriel Metcalf

Executive Director, SPUR

## Keynote Address

### Gabe Klein

NACTO Strategic Advisory Board  
Former Commissioner, Chicago Department of Transportation

### Jennifer Pahlka

Founder and Executive Director, Code for America



Gabe Klein is a senior visiting fellow at Urban Land Institute. He formerly led the transportation departments for the cities of Chicago and Washington, DC. Earlier in his career, Klein was vice president of Zipcar, the world's largest car-sharing company, and co-founder and CEO of On the Fly, which designed and operated zero-emission electric vending trucks. Throughout his career, Klein has viewed his work as a canvas to create a contribution and is inspired by ventures that give back to the community. He works on projects that invoke his passion and provide something positive for the future.



Jennifer Pahlka is the founder and executive director of Code for America. She recently served as the US Deputy Chief Technology Officer in the White House Office of Science and Technology Policy. She is known for her TED talk, Coding a Better Government, and is the recipient of the Oxford Internet Institute's Internet and Society Award, MIT's Kevin Lynch Award, and National Democratic Institute's Democracy Award. She spent eight years at CMP Media where she ran the Game Developers Conference and related properties. Previously, she ran the Web 2.0 and Gov 2.0 events for TechWeb, in conjunction with O'Reilly Media. Jennifer's early career was spent in the non-profit sector. She is a graduate of Yale University and lives in Oakland, Calif. with her daughter, fiance, and seven chickens.

1:45 PM - 2:45 PM

# BREAKOUT SESSIONS

// 1ST FLOOR GALLERY, SPUR

## Creating an Environment for Innovation

How can cities create an environment where innovation – whether technology, internal practices, or otherwise – can thrive? Speakers will share lessons from outside and within the public sector.

**Gwyneth Borden**  
SFMTA Board of Directors  
**Julie Lein**  
Tumml

**Jay Nath**  
SF Mayor's Office of Civic  
Innovation  
**Jack Madans**  
Code for America

// 2ND FLOOR, SPUR

## Innovation in City Transportation Practices

What strategies are cities employing to improve upon their existing processes? City transportation officials will share ideas to accelerate project delivery and coordinate across departments for a results-oriented city government.

**Ratna Amin**  
SPUR  
**Lauren Mattern**  
SFMTA  
**Andy Thornley**  
SFMTA

**Rick Hutchinson**  
City CarShare  
**Janet Attarian**  
Chicago DOT

// 4TH FLOOR, SPUR

## Blurring Lines: Public/Private Discourse to Plan for Transportation's Future

New transport services are filling niches that are both public and private. What are the key partnerships for the future?

**Tim Papandreou**  
SFMTA  
**Scott Kubly**  
Seattle DOT  
**Jessica Zenk**  
City of San Jose

**Dan McCoy**  
Genentech  
**Jeffrey Chernick**  
RideAmigos

3:00 PM – 4:00 PM

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## IGNITE PRESENTATIONS // 2ND FLOOR, SPUR

### Innovating with Drivers to Create a Better Taxicab System

Amy Bickerton and Alexandra Michaelides Flywheel

### Interactive Data Visualizations of Bikesharing Systems

"Ta" Virod Chiraphadhanakul Facebook Inc.

### The Rise of Urbanized Cities

Ryan Croft TransitScreen

### Walking and Biking, by the Numbers

Eric Fischer Mapbox

### Transitmix: Modern Mapping Tools for Planning Transit

Sam Hashemi Code for America

### Don't Hate The Player—Hate the Game

Earl Kaing San Francisco Municipal Transportation Agency

### The Mobivore's Dilemma

Michael Keating Scoot Networks

### Lowering the Price of Democracy

Chris Pangilinan San Francisco Municipal Transportation Agency

### What Would You Do with Mobility Patterns from 50M Devices?

Laura Schewel StreetLight Data

### The Transitible City

Cathleen Sullivan Nelson\Nygaard Consulting Associates

4:00 – 4:30 PM // 2ND FLOOR, SPUR

## CLOSING REMARKS

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6:00 PM – 9:00 PM

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# DESIGNING CITIES OPENING RECEPTION

// JONES, 620 JONES STREET, SAN FRANCISCO

## Honoring Malcolm Dougherty, Director, Caltrans



Malcolm Dougherty was appointed by Governor Edmund G. Brown Jr. to be the Director of the California Department of Transportation (Caltrans) in May 2012. He leads the \$11 billion organization and Caltrans 20,000 employees who build, maintain, and operate the 50,000 lane miles of California's world-class transportation system.

In April 2014, Caltrans officially endorsed NACTO's Urban Streets Design Guide and Urban Bikeways Design Guide, a landmark policy decision that catapults the agency forward as a national leader on designing streets to accommodate all users.

"California's transportation system must be multimodal and support bicycles and pedestrians as well as automobiles," said Director Dougherty. "Caltrans' endorsement of these innovative street design options is an important part of modernizing our approach to improving transportation for all Californians."

WEDNESDAY 10.22.14

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As our cities grow, our transportation infrastructure needs to keep pace. We must continue to build options for our future – by providing well-connected and walkable streets that support highly livable places, and by continuing to expand our transit choices.

Danny Pleasant  
NACTO Treasurer  
Director of Transportation, City of Charlotte





8:00 AM - 8:45 AM

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## BREAKFAST // CYRIL MAGNIN BALLROOM

8:45 AM - 10:00 AM

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## OPENING SESSION // CYRIL MAGNIN BALLROOM

### Welcome

#### Ed Lee

Mayor, San Francisco

#### Ed Reiskin

Director of Transportation, SFMTA and NACTO President

### Commissioners' Panel

#### Charting a New Course: A Conversation with the Leaders Transforming City Streets

In the year since NACTO released the Urban Street Design Guide, cities across the country have been endorsing, adopting, and implementing this blueprint for better streets. In this opening plenary conversation, hear from the NACTO leaders changing the paradigm for city transportation departments. Panelists will discuss recent progress at NACTO and across the country, including Vision Zero goals, street design projects that are making waves, and opportunities to transform the public realm.

#### Ed Reiskin

Director of Transportation, SFMTA; NACTO President

#### Danny Pleasant

Transportation Director, City of Charlotte  
NACTO Treasurer

#### Seleta Reynolds

General Manager, Los Angeles Department of Transportation

#### Robin Hutcheson

Director of Transportation, Salt Lake City  
NACTO Affiliate Member Representative

#### Polly Trottenberg

Commissioner, New York City  
Department of Transportation

#### Cheryl Jennings, Moderator

ABC 7 News

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# THURSDAY 10.23.14

# BREAKOUT SESSIONS 1

## // STOCKTON ROOM

### We Have Vision, Leadership, and Plans. But How to Make Change?

Many cities now have the vision and leadership to re-imagine and redesign their streets and public spaces. But they must still overcome a variety of obstacles and points of resistance to bring plans to fruition. While each project calls for a tailored approach — there is no “one size fits all” way to take new street designs from conception to successful implementation — city agencies have developed a range of strategies that have proven effective. These include judicious choice of project sites and design features; development of compelling project rationales, methods of addressing concerns and fears, helping people envision the benefits of new designs and building internal momentum and buy-in. This session will discuss the application of these strategies to the project selection, development, implementation and evaluation process, all carried out in concert with public engagement. The discussion will address obstacles that are internal to the agency as well as external among stakeholders and the general public. **CM 1.5**

**Bruce Schaller**  
Schaller Consulting

**Allen Zerkin**  
New York University

**Nina Haiman**  
New York City DOT

**Jerry Dobrovolny**  
City of Vancouver

**Scott Kubly**  
Seattle DOT

**Linda Marabian**  
City of San Diego

## // EMBARCADERO ROOM

### From Protected Bike Lanes to Robust Bikeway Networks

Since the release of NACTO’s Urban Bikeway Design Guide in 2011, cities across the United States have built more and more protected bike lanes, creating the type of street that attracts bicyclists of all ages and abilities. As demonstrated by San Francisco, Austin, Seattle, and other cities, protected bike lanes hold enormous potential for attracting new riders, with dramatically lower injury rates as compared to streets without bike facilities. Importantly, developing a robust network of bikeways is crucial to enticing people to switch travel mode. Hear from experts in leading cities about considerations in protected bike lane design, from bike signals to intersection design. The panel will also discuss themes to be included in the 3rd edition of the Urban Bikeway Design Guide, including bike network development, contextual guidance, protected intersections, green paint applications, and the interaction of bikes with transit. **CM 1.5**

**Jennifer Dill**  
Portland State University

**Chris Monsere**  
Portland State University

**Dongho Chang**  
Seattle DOT

**Mike Sallaberry**  
SFMTA

**Aleksiina Chapman**  
City of Austin

# BREAKOUT SESSIONS 1

## // MISSION ROOM

### Activating Public Space and Prioritizing Pedestrians

Cities are transforming the urban landscape with parklets, public plazas, and interim design strategies to create pedestrian-priority spaces that support local business health and neighborhood quality-of-life. Application-based programs for parklets and public plazas leverage community support, focusing resources in neighborhoods seeking changes to their urban landscape. Similarly, interim project delivery methods use low-cost, flexible materials to realize the benefits of a project or public space in the near term, while political will, community support, and funding for the full scale implementation accumulates. This session will cover strategies for expanding and institutionalizing the application-based public space programs and interim design strategies that are successfully building community partnerships and quickly transforming the public realm. **CM 1.5**

**Andy Wiley-Schwartz**

Bloomberg Associates

**Margot Ocañas**

Los Angeles DOT

**Ilaria Salvadori**

SF Planning Department

**Valerie Watson**

Los Angeles DOT

## // FILLMORE ROOM

### Leveraging Bike Share for Transportation Equity

As bikeshare becomes the norm in urban transportation networks, cities are pushing their systems to higher levels of success. This session will explore using bikeshare to increase transportation equity, strategies to leverage bike share investments to complement other public transit, techniques to coordinate bike share implementation with bike infrastructure development, and innovative ways that cities are engaging new bikeshare users. **CM 1.5**

**Cara Ferrentino**

City of Philadelphia

**Katie Monroe**

Bicycle Coalition of  
Greater Philadelphia

**Anthony Taylor**

Major Taylor Bicycling  
Club of Minnesota;  
National Brotherhood of  
Cyclists

**Nicole Freedman**

City of Boston

**Luann Hamilton**

City of Chicago

10:15 AM – 11:45 AM

## BREAKOUT SESSIONS 1

// MARKET STREET ROOM

### Modernizing Large Urban Arterials for Increased Mobility

Many cities are retrofitting traditional major arterials, modernizing large urban thoroughfares to be more pedestrian and bicycle friendly and respectful of the surrounding community, while meeting the needs of public transit and not unduly compromising motor vehicle travel. The major culprit in incompatible urban arterial street design is equating high speed with roadway mobility and capacity. This session will present techniques for designing our arterial roadways for community livability, while retaining reliable mobility along our most important travel corridors.

CM 1.5

**Elizabeth Macdonald**

UC Berkeley

**Ethan Melone**

City of Seattle

**Robin Hutcheson**

Salt Lake City

**Jamie Parks**

City of Oakland

12:00 PM – 1:00 PM

## LUNCH & KEYNOTE // CYRIL MAGNIN BALLROOM

### Keynote Address

**Janette Sadik-Khan**

NACTO Chair

Former Commissioner, New York City Department of Transportation



Janette Sadik-Khan is a Principal at Bloomberg Associates, and was Commissioner of the New York City Department of Transportation from 2007-2013. Internationally recognized for her expertise in transportation issues, public policy development and innovative finance, Sadik-Khan implemented an ambitious program to improve safety, mobility and sustainability throughout NYC, and ensured a state of good repair on the city's roads, sidewalks and bridges. Sadik-Khan oversaw a series of innovative projects, including creating more pedestrian space in Times Square and along Broadway from Columbus Circle to Union Square, the planning and launch of seven Select Bus Service routes and the nation's largest bike share program, the addition of nearly 400 miles of bicycle lanes and the installation and design of more than 60 plazas citywide, and the publication of a Street Design Manual and Street Works Manual, which defined new standards for more durable and attractive streets.

1:15 PM – 3:00 PM

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## TRANSPOshops 1

// MEET IN CYRIL MAGNIN FOYER; TOURS WILL DEPART PROMPTLY AT 1:15

See page 43 for activity descriptions.

3:15 PM – 4:45 PM

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## BREAKOUT SESSIONS 2

// CYRIL MAGNIN BALLROOM

### The Sharing Economy: Transportation's Future

While driving your own car dominated life in the 20th century, the 21st century is trending in a different direction. In urban areas especially, people are trading car ownership for shared mobility options from public transit, car sharing, bike sharing, taxis, and new ride services and shuttles to create a menu of options for each trip. These services promise convenient, affordable mobility without the hassles of car ownership. However, these disruptions require policy leaders to consider new strategies for managing street space, providing customer service, and funding a complete transportation system. **CM 1.5**

Tim Papandreou  
SFMTA  
Emily Castor  
Lyft  
Lee Jones  
bCycle  
Joseph Kopser  
Ridescout  
Mike Mikos  
Car2Go  
Susan Shaheen  
UC Berkeley  
Richard Steinberg  
BMW DriveNow  
Paul Steinberg  
Carma  
Michael Uribe  
Zipcar

# BREAKOUT SESSIONS 2

## // FILLMORE ROOM

### Green Streets, Places, and Spaces

Green Streets reduce stormwater runoff and improve a street's ecological performance. Often, strategies for sustainable stormwater management — like bioswales and permeable pavements — can also beautify the streetscape and calm traffic. To align public space projects with effective stormwater management solutions, cities are integrating rain gardens and vegetated swales into bus bulb outs and curb extensions that reclaim space for pedestrians. How are cities leveraging funding for stormwater management and beautification projects to simultaneously address street safety, public space and quality of life? **CM 1.5**

**Grant McInnes**

ARUP

**Jessica Brooks**

City of Philadelphia

**Lacy Shelby**

City of Minneapolis

**Ivy Dunlap**

City of Portland

## // MISSION ROOM

### CEQA Reform: Supplanting Auto Level of Service in California

In September 2013, California passed SB 743, requiring the Office of Planning and Research (OPR) to propose revisions to the California Environmental Quality Act (CEQA) Guidelines to establish new, non-Level of Service (LOS) criteria for determining the significance of transportation impacts of projects. In this session, hear from experts about alternative performance metrics that can supplant or supplement auto LOS to meet environmental goals, encourage urban development, and promote multi-modal transportation systems. **CM 1.5 LAW**

**Alicia John-Baptiste**

SFMTA

**Viktoriya Wise**

SF Planning Department

**Chris Ganson**

California Office of  
Planning and Research

**Rebecca Sanders**

UC Berkeley SafeTREC  
(formerly), Oklahoma  
State University

**Alice Chen**

Kittelson & Associates

## BREAKOUT SESSIONS 2

### // MARKET STREET ROOM

#### WORKSHOP

#### Modernizing Large Urban Arterials for Increased Mobility

Cities are shifting priorities to accommodate growing numbers of cyclists, pedestrians, and transit users on urban arterials, posing questions on how best to allocate limited right-of-way for different modes. This session will present innovative approaches from the Alameda County Multimodal Arterial Plan, provide thinking on how next-generation vehicles and demographic trends may affect design considerations, and it will culminate in an interactive design challenge. For the challenge, attendees will form groups to experiment with street cross-section designs for a San Francisco arterial case study. Selected designs will then be evaluated using performance-based and comfort-based metrics. **CM 1.5**

Facilitated by  
**FEHR & PEERS**  
Meghan Mitman  
Andy Kosinski  
Matthew Ridgway

### // EMBARCADERO ROOM

#### WORKSHOP

#### From Protected Bike Lanes to Robust Bikeway Networks

Designed to complement the morning panel on protected bike lanes, the workshop will apply the latest developments in bikeway research and practice through hands-on exercises. Work through the trade-offs of one-way vs two-way protected bike lanes and identify strategies for retrofitting the roadway space necessary for implementing your bikeway. The workshop will also cover emerging topics and critical issues in protected bike lane design: transit integration, loading zone access, and intersection/driveway design approaches. **CM 1.5**

Facilitated by  
**ALTA PLANNING**  
Nick Falbo  
Josh Mello

# MEET THE CITIES // CYRIL MAGNIN BALLROOM

## SESSION 1: 5:05–5:20 PM

### [A] BALTIMORE

“Transportunities” – Creating Access to Opportunities Through Transportation Connections

Betty Smoot & Frank Murphy

### [B] CHARLOTTE

Multi-modal Supply and Demand Data

Norm Steinman

### [C] MINNEAPOLIS

Streets Large and Small

Lacy Shelby, Chris Engelmann, & Mackenzie Turner Bargaen

### [D] SALT LAKE CITY

Discover Broadway: Salt Lake City’s Newest Protected Bike Lane

Becka Roof

### [E] SAN JOSE

Innovative Traffic Signals and Streetlights

Hans Larsen & Lilly Lim-Tsao

### [F] VANCOUVER

Regional Transit Investment and the Broadway Corridor

Lon LaClaire

### [G] SOMERVILLE

Meet Somerville, Mass: A Small City with a Big Transit Project

Sarah Spicer

## SESSION 2: 5:25–5:40 PM

### [A] BOSTON

Complete Streets: Guidelines + Mobility Hubs

Vineet Gupta

### [B] CHICAGO

Chicago Bike Lane Challenge: 100 Miles in 4 Years

Luann Hamilton

### [C] PHILADELPHIA

Going to the Boardwalk

Mike Carroll

### [D] SAN FRANCISCO

Bicycle Strategy: Green lanes and More for Everyday Bicycling

Mike Sallaberry

### [E] TORONTO

Toronto’s Coordinated Street Furniture Program: A P3 Success Story

Stephen Buckley

### [F] WASHINGTON DC

moveDC: The District’s Multi-Modal Long-Range Transportation Plan

Kelly Peterson

### [G] NEW YORK

Neighborhood Slow Zone Program

Ann Marie Doherty



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# MEET THE CITIES

## SESSION 3: 5:45–6:00 PM

### [A] BOULDER

City of Boulder's Transportation Master Plan  
Randall Rutsch

### [B] LOS ANGELES

Broadway Dress Rehearsal Sets the Stage  
Valerie Watson

### [C] OAKLAND

Should I Stay or Should I Go – Bike Parking  
and Wayfinding Programs that Get Results  
Jennifer Stanley

### [D] SAN DIEGO

Big impact, small budget: SD Bike Program  
Linda Marabian

### [E] SEATTLE

Parking Management in Seattle:  
What Does the Data Say?  
Jonathan Williams

### [F] PHOENIX

Making Streets More Livable in Phoenix  
Mark Melnychenko

### [G] BURLINGTON

Building the Case for Great Streets  
Peter Owens & Peter Keating

## SESSION 4: 6:05–6:20 PM

### [A] BALTIMORE

Baltimore City Strategic Transportation Safety Plan  
Betty Smoot and Frank Murphy

### [B] CHARLOTTE

Urban Roadways Classification Method  
Norm Steinman

### [C] MINNEAPOLIS

Bicycle & Pedestrian Corridors  
Lacy Shelby, Chris Engelmann,  
and Mackenzie Turner Barga

### [D] SALT LAKE CITY

The Salt Lake City Hive Pass: Helping to Make  
Transit Cheap, Easy, and Equitable  
Cris Jones

### [E] TORONTO

Transportation Tackles Tagging: Graffiti  
Management and the StreetARToronto Program  
Stephen Buckley

### [F] WASHINGTON DC

We're #2! We're #2! Building biking in the District  
Sam Zimbabwe

### [G] NEW YORK

4th Avenue: Slowing the Corridors through  
Community Process  
Kim Wiley-Schwartz

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# MEET THE CITIES

## SESSION 5: 6:25–6:40 PM

### [A] BOSTON

Go Boston 2030: Imagining Our Transportation Future  
Alice Brown

### [B] CHICAGO

Improving the Nation's Busiest Off-Street Trail  
Janet Attarian

### [C] PHILADELPHIA

Fixing the Boulevard  
Mike Carroll

### [D] SAN DIEGO

Big Impact, Small Budget: Plaza de Panama  
at Balboa Park  
Linda Marabian

### [E] SAN JOSE

Increasing Walking and Bicycling in Central San Jose  
Paul Smith & Jessica Zenk

### [F] PORTLAND

New Bikeways in Portland, Left Side Buffered Bike  
Lanes, Cycle Tracks, and Using Stormwater Facilities  
for Separation  
Dan Layden

### [G] BURLINGTON

Moving Forward on Great Streets  
Peter Owens & Peter Keating

## SESSION 6: 6:45–7:00 PM

### [A] BOULDER

Street Repurposing Project – Help Boulder, CO  
Brainstorm the Folsom Corridor for Street Repurposing  
Kathleen Bracke

### [B] LOS ANGELES

MyFigueroa Streetscape Project  
Tim Fremaux

### [C] OAKLAND

Oakland's Lake Merritt Restoration and the Freeway  
Removal that Made it Possible  
Wlad Wlassowsky

### [D] SAN FRANCISCO

Muni Forward: Red Lanes and More for Making  
Transit Better  
Mike Sallaberry

### [E] SEATTLE

Parklets and Plazas and Play Streets, Oh My!  
Seattle's Active Streets  
Kevin O'Neill

### [F] VANCOUVER

Seaside Greenway: Closing the Gap, Opening the  
Street for All  
Dale Bracewell

7:00 PM – 10:00 PM

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# HAPPY HOUR

// IMPACT HUB, 901 MISSION STREET, SAN FRANCISCO

Co-hosted by YPT San Francisco Bay and NACTO  
Sponsored by Kittleson & Associates

The Bay Area Chapter of the Young Professionals in Transportation is quite literally “the future of transportation.” Composed of members from across industries and backgrounds, the local YPT Chapter promotes innovative programming, professional development, and camaraderie amongst those in the transportation industry and those who simply have an interest in the transportation sector. With over 250 paid members and 700+ friends, the Bay Area Chapter is the largest YPT chapter in the United States.

The local chapter is pleased to co-host this informal happy hour to provide an opportunity for conference attendees to meet and mingle with our local YPT members. Despite the “young” in our organization’s name, there is no age limit and we cordially invite all conference attendees to join us!

THURSDAY 10.23.14

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Cities of every size are working to reinvent transportation by responding to the demand for “people first” transportation networks. We should continually evolve the industry to provide active transportation choices as the standard, build human scale projects with quality design, and expand the focus on equity and access as part of the common transportation paradigm.

Robin Hutcheson  
Director of Transportation, Salt Lake City  
NACTO Affiliate Member Representative

7:45 AM - 8:45 AM

Affiliate Members' Breakfast Meeting // HEARST ROOM

8:00 AM - 8:45 AM

**BREAKFAST** // CYRIL MAGNIN BALLROOM

8:45 AM - 12:15 PM

**NACTO CAMP** // PARC 55: VARIOUS ROOMS, 3RD AND 4TH FLOORS



**A DESIGNING  
CITIES  
UNCONFERENCE  
EVENT**

Designing Cities 2014 features NACTO Camp, a participant-driven “unconference”. At NACTO Camp, the session topics and activities are proposed by attendees, providing an opportunity for each participant to shape and lead the event. The quality of these sessions depends on your contribution!

Session proposals will be on display during the Designing Cities conference, where you will have the opportunity to propose topics and weigh in on your favorites. We encourage you to visit [camp.nacto.org](http://camp.nacto.org) to submit ideas in advance so we can curate a diverse range of topics. On Friday morning, October 24, the final sessions will be posted.

8:45 AM - 9:00 AM // CYRIL MAGNIN BALLROOM

Introduction to NACTO Camp

9:15 AM - 10:10 AM

Round 1

10:15 AM - 11:10 AM

Round 2

11:15 AM - 12:10 PM

Round 3

**FRIDAY** 10.24.14

11:15 AM - 12:15 PM

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## COMMITTEE MEETING

// HEARST ROOM

TRB Committee on Transportation Issues in Major U.S. Cities

12:30 PM - 3:00 PM

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## LUNCH / TRANSP0shops 2

// MEET IN CYRIL MAGNIN FOYER; TOURS WILL DEPART PROMPTLY AT 12:30

Box lunches will be available. See page 43 for activity descriptions.

3:15 PM – 4:30 PM

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## BREAKOUT SESSIONS 3

// FILLMORE ROOM

### Investing in Infrastructure: Funding Local Transportation

In the absence of sustained federal funding for transportation infrastructure, cities are left to seek creative revenue streams and funding partnerships to invest in local and regional transportation systems. How are cities leveraging impact fees, ballot initiatives, user fees and developer agreements to invest in walking, bicycling and transit? How can cities better partner with states and the federal government to allocate funding available under MAP-21? This session showcases funding models that could work in your community. **CM 1.25**

**Linda Bailey**

NACTO

**Alicia John-Baptiste**

SFMTA

**Sam Schwartz**

Sam Schwartz

Engineering

**Chris Ward**

Dragados

**Maria Lombardo**

SFCTA

3:15 PM – 4:30 PM

## BREAKOUT SESSIONS 3

// MARKET STREET ROOM

### Designing Streets and Signals for Transit

In too many cities, buses spend too much time waiting – for lights to turn green, or to merge back into traffic from a bus stop – and even more time stuck in traffic among single-occupancy vehicles. The efficiency of public transit relies on street design that prioritizes it. Strategies such as bus-only lanes, transit signal priority, and bus bulb outs help speed up bus travel times and create a reliable, fast service. Furthermore, since every transit rider is also a pedestrian, designing streets that work well for transit requires integrating pedestrian-scale features, wide sidewalks at bus stops and transit stations, and a safe, attractive public realm. In this panel, hear from experts working to improve transit service and rider experience through thoughtful street design. **CM 1.25**

**Rich Weaver**

American Public  
Transportation  
Association

**Julie Kirschbaum**

SFMTA

**Lon LaClaire**

City of Vancouver

**Kevin O'Malley**

Chicago DOT

// EMBARCADERO ROOM

### Complete Streets in Constrained Corridors: Resolving Conflicts and Balancing Users

The 20th century objective of urban streets — moving large volumes of motor vehicles as quickly as possible — is under revision. Today, cities are striving to restore balance in the right-of-way, often creating tension between competing modes and rival interests. In narrow streets especially, cities must retrofit the street design to accommodate people traveling on foot, by bike, by transit and in cars, all while creating a safe, attractive public realm. Complete Streets in Constrained Corridors will explore how municipalities are working to moderate these conflicts and prioritize users for select corridors, without sacrificing safety or compromising a project's intent. **CM 1.25**

**Mike Flynn**

Sam Schwartz  
Engineering

**Tim Fremaux**

Los Angeles DOT

**Dale Bracewell**

City of Vancouver

**Kevin O'Neill**

Chicago DOT

3:15 PM – 4:30 PM

# BREAKOUT SESSIONS 3

## // MISSION ROOM

### Intuitive Intersection Design

For city streets to meet the needs and demands of everyone using them, intersections—both large and small—need to function as safely and efficiently as possible. Good intersection design, however, goes beyond making streets safer. Well-designed intersections use street space to bring people together and invigorate a city, while making traffic more intuitive, seamless, and predictable for those passing through. This session will untangle complex intersections, presenting strategies to facilitate visibility and predictability for all users. Topics will include signal timing, pedestrian desire lines, retrofitting excess space in irregular or overbuilt intersections, and mitigating conflicts between users. **CM 1.25**

**Matthew Roe**

NACTO

**Dongho Chang**

Seattle DOT

**Tom Sorrentino**

Charlotte DOT

**Josh Benson**

New York City DOT

## // STOCKTON ROOM

### Here Be Dragons: Addressing Legal Liability in California Street Design

How can your community lead the way on innovative design solutions that are proven elsewhere, but not yet encoded in California law and regulations? And how can jurisdictions with irregular street and highway layouts accommodate modern designs with one-of-a-kind solutions, without creating vulnerabilities? Design immunity and other measures will allow you to sleep soundly at night. Hear from state, local, and private perspectives on best practices.

**Steven Weissman**

UC Berkeley

**Augustin R. Jimenez**

California State

Transportation Agency

**Jeanne Scherer**

Tort Litigation & Risk

Management, Caltrans

**Kimon Manolius**

Hanson Bridgett LLP



4:45 PM – 6:00 PM

## BREAKOUT SESSIONS 4

// FILLMORE ROOM

### Great Streets Make Great Cities

Streetscape design has economic impacts, and with city budgets often tight, the promise of economic benefits can provide an especially persuasive argument in favor of improvements to sidewalks, street trees, and bikeways. This panel will discuss the impacts cities have seen to businesses, neighborhoods, and even whole regions as a result of streetscape improvements, covering topics such as methods used to measure benefits; ways to use this information to build support among stakeholders such as community and business leaders; and how to coordinate private and public investments to best support one another. **CM 1.25**

**Luis Montoya**

SFMTA

**Robin Abad**

SF Planning Department

**Mark van Elsberg**

City of Toronto

**Josh Benson**

New York City DOT

// STOCKTON ROOM

### Public Engagement and Community Visioning

An integral part of the urban design decision-making process is collecting and incorporating public input. To ensure that the public realm reflects a community's vision, cities are experimenting with new strategies for participatory planning and engagement. In addition to town hall forums and public meetings, city officials are using emerging technologies and social media tools, opening new channels of communication with diverse groups. This session will highlight outreach tools and techniques to reach new audiences, share information, collect feedback, and improve the public's perception of an agency's transparency and effectiveness.

**CM 1.25**

**Frank Hebbert**

OpenPlans

**Tiffany Chu**

Transitmix

**Sam Zimbabwe**

District DOT

**Jake Levitas**

Cargo Collective;

SF Fellow, Urban

Prototyping

# BREAKOUT SESSIONS 4

// MARKET STREET ROOM

## WORKSHOP

### Designing Streets and Signals for Transit

Many transportation agencies are challenged to improve transit oriented corridors with often competing demands and numerous constraints. This workshop examines several common challenges encountered in the modern design of improvement projects. The panel discussion preceding the workshop will provide overviews about key elements associated with creating a successful transit corridor. This workshop will build on the panel discussion by using a case study noting some of the design and operational considerations of the facility. In this workshop, participants will form breakout groups to tackle the case study and apply some of the important transit oriented design principles presented earlier in planning and designing an improved corridor. A key aspect will be sharing information while adding practical experiences about the “art” of what it takes to apply sound and practical solutions within real project parameters. The workshop will conclude with a common session during which each group will discuss their design approach, and identify research needs and opportunities to help address the needs and gaps shared in the group setting. **CM 1.25**

Facilitated by  
**KITTELSON &  
ASSOCIATES**  
Kamala Parks  
Hermanus Steyn

4:45 PM – 6:00 PM

## BREAKOUT SESSIONS 4

// EMBARCADERO ROOM

### WORKSHOP

#### Complete Streets in Constrained Corridors

Following the Complete Streets in Constrained Corridors panel, workshop participants will put the strategies they've learned from Los Angeles, Vancouver and Seattle into practice in a hands-on design exercise. Post Street, an arterial street adjacent to Union Square and steps from the conference venue, will serve as the subject of the workshop. Of modest width yet home to a transit lane and also a planned bike route, the street is very much a constrained corridor, called on to serve many different users and functions and connecting to other key facilities. Participants will be challenged to balance these competing demands, making trade-offs and allocating space so as to create not only a great street but also a great place. **CM 1.25**

Facilitated by

**SAM SCHWARTZ**  
**ENGINEERING**

Mike Flynn

// MISSION ROOM

### WORKSHOP

#### Intuitive Intersection Design

Based on the discussions and lessons learned during the Intuitive Intersection Design Panel, this interactive workshop will provide attendees an opportunity to investigate options and opportunities to improve the intersection of McAllister and Larkin Streets in San Francisco's Civic Center neighborhood. This location presents an interesting experiment as it combines high pedestrian volumes, a transit priority route, excess pavement and an important link on the bicycle network. In this hands-on exercise, attendees will be provided existing information and site context and then guided through key intersection design tenets of the NACTO Urban Street Design Guide. Working together in small groups, participants will develop and critique new intersection proposals that balance the needs of multiple modes of the intersection. **CM 1.25**

Facilitated by

**NELSON\NYGAARD**

Jeff Tumlin

Zabe Bent

Michael Riebe

Paul Supawanich

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With strong leadership from city governments, we can realize our vision for a more vibrant public realm.

Rina Cutler  
NACTO Vice President  
Deputy Mayor of Transportation  
and Utilities, City of Philadelphia

8:00 AM - 8:30 AM

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## BREAKFAST // CYRIL MAGNIN BALLROOM

8:30 AM – 10:00 AM

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## PLENARY SESSION // CYRIL MAGNIN BALLROOM

### Keynote Address

8:30 AM – 9:00 AM

#### Peter Rogoff

Under Secretary for Policy, United States Department of Transportation



Peter M. Rogoff was directed to serve as the Acting Under Secretary of Transportation for Policy in the U.S. Department of Transportation on January 25, 2014 by President Barack Obama. After being formally nominated for the post, he was confirmed by the U.S. Senate on July 24, 2014. In this role, he serves as the principal advisor to the Secretary, while providing leadership in the development of policies for the Department, generating proposals and providing advice regarding legislative and regulatory initiatives across all modes of transportation. His office oversees the Office of Transportation Policy and the Office of Aviation and International Affairs.

8:30 AM – 10:00 AM

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# PLENARY SESSION // CYRIL MAGNIN BALLROOM

## Panel

9:00 AM – 10:00 AM

### Partnerships for Progress: State and Local Collaboration for Better City Transportation

City street design has undergone major changes in the last few years, both in theory and in practice. With the support of forward-thinking state departments of transportation, cities have gone from pasting expressway standards on top of neighborhood streets to tailoring the design to the place. This panel of major transportation leaders will discuss the state and local partnerships that are facilitating progress.

#### Malcolm Dougherty

Director, California Department of Transportation

#### Lynn Peterson

Secretary, Washington State  
Department of Transportation

#### Richard A. Davey

Secretary, Massachusetts  
Department of Transportation

#### Linda Bailey

Executive Director, NACTO

#### John Sasaki, Moderator

KTVU News

# BREAKOUT SESSIONS 5

## // MISSION ROOM

### Illustrating Transportation: The Power of Visual Communication

Effective communication is key to gaining political support and community buy-in for transportation initiatives. For projects with a major design component, visual communication is especially critical. When done right, diagrams, renderings, and other graphics can be powerful tools for communicating complex proposals. Good graphic communication can have an even greater impact on projects whose benefits may take months or years to be seen on the ground, by providing images that act as strong visual reminders of what is proposed. This session will discuss techniques for making visual communication most effective in order to win and retain project support. **CM 1.75**

**Urshula Barbour**

Pure+Applied

**Gary Chen**

SF Planning Department

**Nick Falbo**

Alta Planning

**Vineet Gupta**

City of Boston

## // EMBARCADERO ROOM

### Building the Street of the Future

When capital budgets allow, cities have a unique opportunity to wholly re-imagine the street of the future. High-quality design and a full permanent reconstruction can fundamentally transform a city street and the surrounding neighborhood. Hear from cities that are seizing opportunities to boldly envision and build the streets of the future. **CM 1.75**

**Tom Maguire**

SFMTA

**Christine Calabrese**

City of Oakland

**Hannah Higgins**

Chicago DOT;

Site Design Group

**Nate Cormier**

SvR Design

**Kären Haley**

Indianapolis Cultural

Trail, Inc.

# BREAKOUT SESSIONS 5

## // POWELL ROOM

### Articulating Transportation: Shaping Mobility in the Press

As former New York City Transportation Commissioner Janette Sadik-Khan notes, NYC is a city of 8.4 million people and 8.4 million traffic engineers. In all cities, everyone has an opinion, and conversations about transportation can quickly become emotive. Communicating a sustainable transportation vision and articulating specific project benefits, timelines, and compromises to the public requires a strategic communication strategy and an understanding of the public perspective. Similarly, the media plays a crucial role in disseminating information and raising public awareness. How can cities collaborate with local media to achieve common goals? What are the best strategies for communicating potentially controversial topics? This panel features a dynamic discussion about articulating transportation. **CM 1.75**

**Seth Solomonow**

Bloomberg Associates

**Ben Fried**

Streetsblog

**Michael Andersen**

Green Lane Project

**Allison Arieff**

SPUR; New York Times

**Jessica Kwong**

San Francisco Examiner

## // MARKET STREET ROOM

### Vision Zero and the Three E's: Engineering, Enforcement, Education

Despite advances in street safety, rates of serious injury and fatalities remain unacceptably high, especially among people walking and bicycling. Cities across the U.S. have launched ambitious efforts to reduce traffic fatalities to zero through better engineering, targeted enforcement, and public education. How are cities collecting and analyzing data to inform these strategies? How are transportation departments successfully partnering with local police to improve enforcement of the most dangerous traffic behaviors? What are effective tools for public education? Hear from experts in safe street design about Vision Zero. **CM 1.75**

**Stefanie Seskin**

National Complete

Streets Coalition

**Ann Marie Doherty**

New York City DOT

**Diana Alarcon**

City of Ft. Lauderdale

**Nicole Schneider**

Walk SF



12:15 PM - 1:00 PM

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## CLOSING REMARKS // CYRIL MAGNIN BALLROOM

### Tom Maguire

Sustainable Streets Director, San Francisco Municipal Transportation Agency

### Supervisor Scott Wiener

San Francisco Board of Supervisors, District 8

3:00 PM – 6:00 PM

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## BIKE RIDE

Optional bike ride over Golden Gate Bridge led by the SF Bike Coalition.  
Space is limited; register at [bit.ly/transposhops](http://bit.ly/transposhops)

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In San Francisco and in all cities across North America, city transportation departments are re-imagining our mission, seizing the opportunity to design our streets as livable, sustainable places for people.

Ed Reiskin  
San Francisco Director of Transportation,  
NACTO President



# TRANSPOSHOPS

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// MEETING POINT: CYRIL MAGNIN FOYER

Thursday 10.23

1:15 PM - 3:00 PM

Friday 10.24

12:30 PM - 3:00 PM

SFMTA staff and local partners will host mobile tours of local projects on Thursday and Friday. All TranspoShops will meet to leave from the Cyril Magnin Foyer promptly at the times above.

Space for each TranspoShop is limited; those who have not yet signed up for TranspoShop activities may check remaining availability at:  
[bit.ly/transposhops](http://bit.ly/transposhops)

All tours are offered on both Thursday and Friday unless otherwise specified. For tours traveling on public transit, please purchase Muni passes in advance. For bike tours, bike rentals are provided.

## Historic Cable Car Tour

Ride a San Francisco icon and go behind the scenes of the world's last operating cable car system! Enjoy a guided tour of the powerhouse, car barn, and museum. Learn how this pioneering urban transit system was invented, dominated the industry, changed city planning, and improved the urban environment. You can only take this tour in San Francisco!

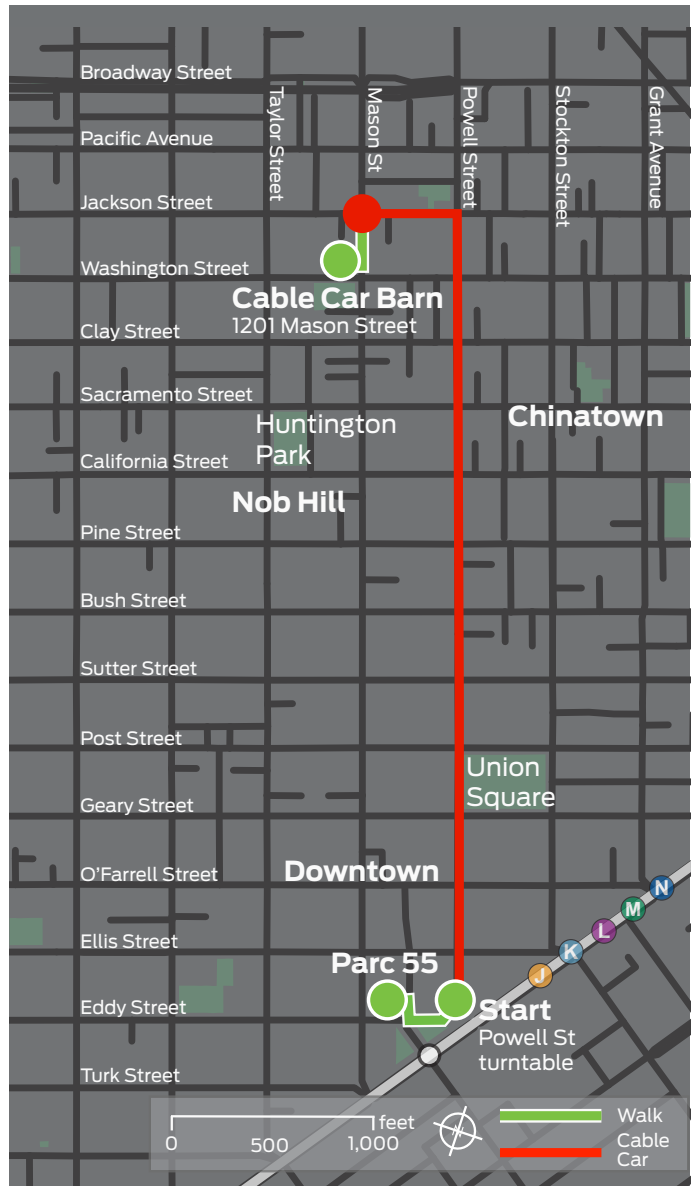
Led by:

**Norbert Feyling**

SFMTA

**Dave Banbury**

SFMTA





## Castro Streetscape Project and Jane Warner Plaza

Castro Street between Market and 19th Streets is one of the most well-known and visited neighborhood commercial districts in San Francisco, serving the needs of local residents and being the historic center of the LGBT community. The nearly-completed Castro Streetscape Improvement Project elevates the pedestrian experience with widened sidewalks, new street trees, lighting, bike racks, leaning rails, and public realm enhancements such as rainbow crosswalks, historic fact engravings, celebratory lighting, and bronze Rainbow Honor Walk plaques. These elements further improve the neighborhood experience of an already famous city destination.

The tour will cover the two block scope of the historic commercial corridor. Topics include the public planning process of the project, inter-departmental collaboration, work with local community groups, urban design streetscape elements of the project, historic preservation issues involved, coordination and improvements to transit lines and the historic streetcar line, and the reclamation of an underutilized public right-of-way into a popular community plaza.

### Led by:

**John Dennis**

SF Department of Public Works

**Nick Perry**

Office of SF Supervisor Scott Wiener

## Central Subway Tour

Take a walking tour of key sites of the SFMTA's Central Subway Project.

Learn about the design, permitting, execution, and outreach challenges associated with major construction adjacent to some of the densest, most valuable real estate in North America.

Work permitting, access to the construction site may be possible; attendees should wear long pants and hard-soled shoes or boots.

Led by:  
Alex Clifford  
AECOM  
Albert Hoe  
SFMTA



## Multimodal, Multistreet Corridor

Take a tour of Van Ness Avenue and Polk Street, parallel streets one block apart that comprise a multimodal system in an area of the city anticipating significant residential and employment growth in the near future. Van Ness Avenue is San Francisco's most significant north-south surface transit street and will be home to the city's first Bus Rapid Transit project, currently in final design. It is also part of US 101 and a significant private vehicle and freight route. Polk Street is a major north-south bicycle route and recently had implementation of a new contra-flow lane near its southern terminus. Further innovative bicycle treatments are proposed for Polk Street, and both streets will receive significant pedestrian safety and placemaking upgrades in the next few years. See how the City has taken the attributes of these two streets to optimize mobility for all modes in this exciting corridor. We will discuss the challenges, tradeoffs, and successes in the development of these projects.

Led by:  
**Michael Schwartz**  
SFCTA  
**Luis Montoya**  
SFMTA





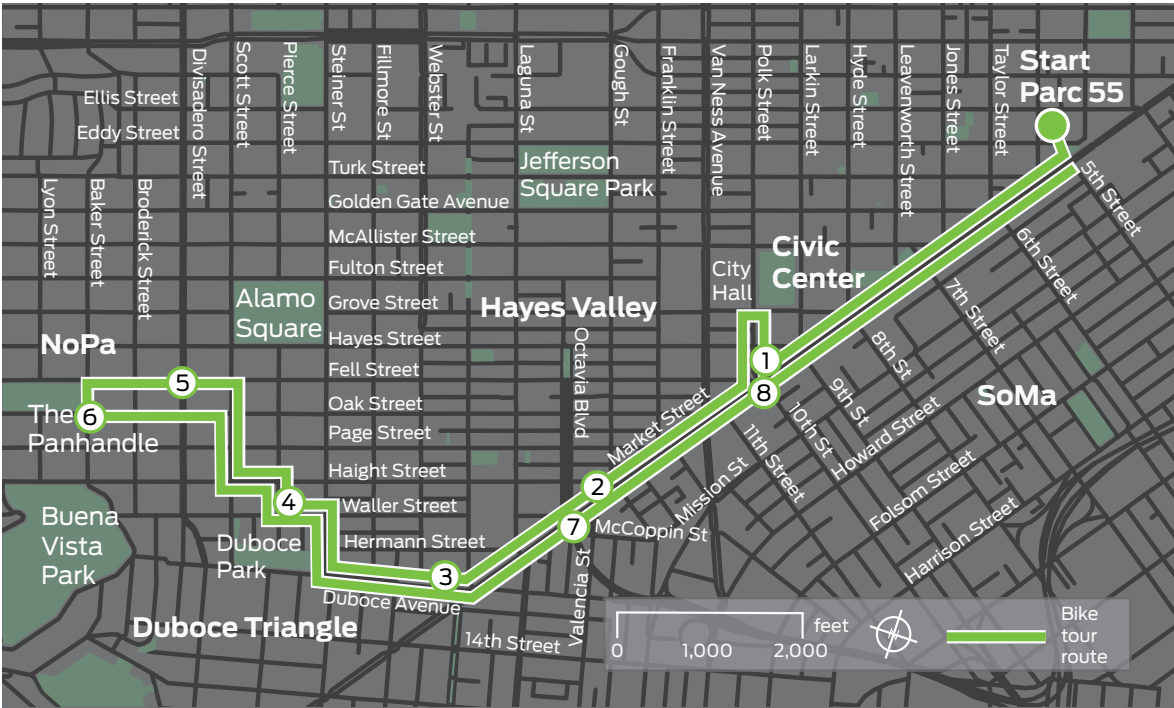
// THURSDAY ONLY

### Transbay Transit Center Site/Transit District Tour

This tour will have two parts: first the traditional tour of the transit center construction, introduced by a brief video; followed by a tour of the larger area and the transit center district plan (including bikes, future parks, pedestrian improvements, and future sites for affordable and market rate housing). This tour will include access to the construction site; attendees should wear long pants and hard-soled shoes or boots.

Led by:  
**Jack Adams**  
 Turner Construction  
**John Katz**  
 SFMTA  
**Cynthia Hui**  
 SFMTA  
**Greg Reissen**  
 SF Planning Department

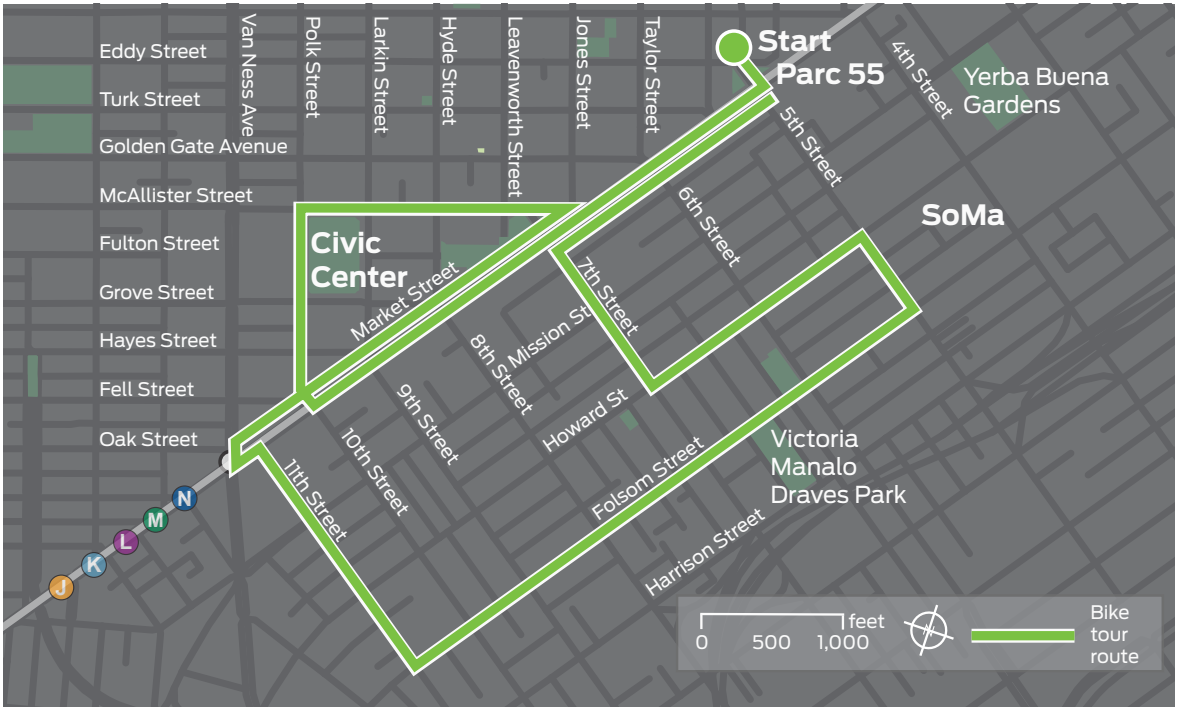




### Bicycle Innovations

Tour San Francisco's greatest examples of bicycle design, including buffered bike lanes, contra-flow, greenwaves, bike boxes, and spot improvements. This tour includes traveling by bicycle.

Led by:  
**James Shahamiri**  
 SFMTA  
**Tyler Frisbee**  
 SF Bicycle Coalition



## South of Market Neighborhood and Bike Pilot Tour

Tour the South of Market Neighborhood (SOMA), the fastest growing area in the City that is plagued by an abundance of highway ramp access, wide right-of-way, and fast vehicle speeds. Experience the latest innovations in interim bicycle pilot projects, which converts travel lanes to a buffered bike lanes. This tour includes traveling by bicycle.

Led by:  
**Nick Carr**  
 SFMTA  
**Ellen Robinson**  
 SFMTA  
**Chema Hernández Gil**  
 SF Bicycle Coalition



## Red Transit-only Lanes

This walking tour will travel along Geary Street between Powell and Polk streets (approximately ½ mile walk with option to return via foot or by bus). Following New York City's lead, San Francisco is the 2nd U.S. city to experiment with red transit-only lanes. The SFMTA's first red transit-only lane was installed along three blocks of Church Street in March 2013 to improve reliability and travel times for buses and light rail vehicles. In 2014, the SFMTA has expanded this treatment to several high-ridership bus corridors, including a portion of the Geary corridor, which is the most heavily-used surface transit corridor in the City with over 50,000 daily transit trips. The SFMTA is evaluating the effectiveness of red transit-only lanes and will be sharing findings with the Federal Highway Administration and California Traffic Control Devices Committee for potential adoption as a new traffic control device.

Led by:  
**Dustin White**  
 SFMTA



// FRIDAY ONLY

## Fisherman's Wharf Public Realm Improvements

Visit the newly redesigned Jefferson Street in historic Fisherman's Wharf. Learn about the Public Realm Plan that was developed in close collaboration with merchants and neighbors to build on the Wharf's historic roots as the home to San Francisco's last working fishing fleet and support a diverse and active public life.

Led by:

**Neil Hrushowy**

SF Planning Department

**Nick Perry**

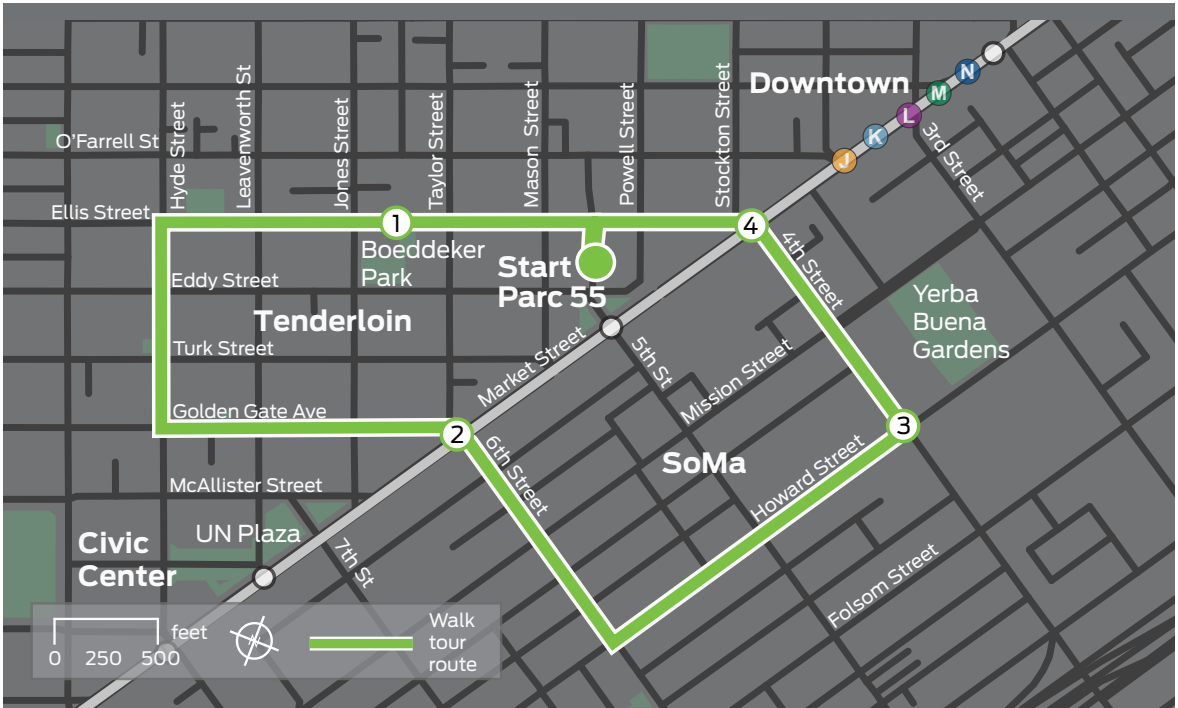
SF Planning Department



## San Francisco's Bicycle "Wiggle" Tour

Tour one of San Francisco's most utilized routes on bike which features examples of innovative design and provides a key connection by navigating riders on flat streets through a hilly neighborhood. Tour leaders from the San Francisco Municipal Transportation Agency and the San Francisco Public Utilities Commission will focus on the recent public outreach effort to find opportunities to improve conditions for bicycle riders, pedestrians, and residents who use the Wiggle, while finding opportunities for addressing stormwater management through permeable paving and rain gardens. We will talk about some of the challenges around implementing a "bike boulevard" or "neighborhood greenway" design in a dense urban context where stakeholder priorities are often at odds. The tour will also look at some of San Francisco's recent innovations including the Oak and Fell protected bikeways, San Francisco's first bike box, wayfinding using green "super" sharrows on both neighborhood streets and in complex intersections, and bike-transit integration issues.

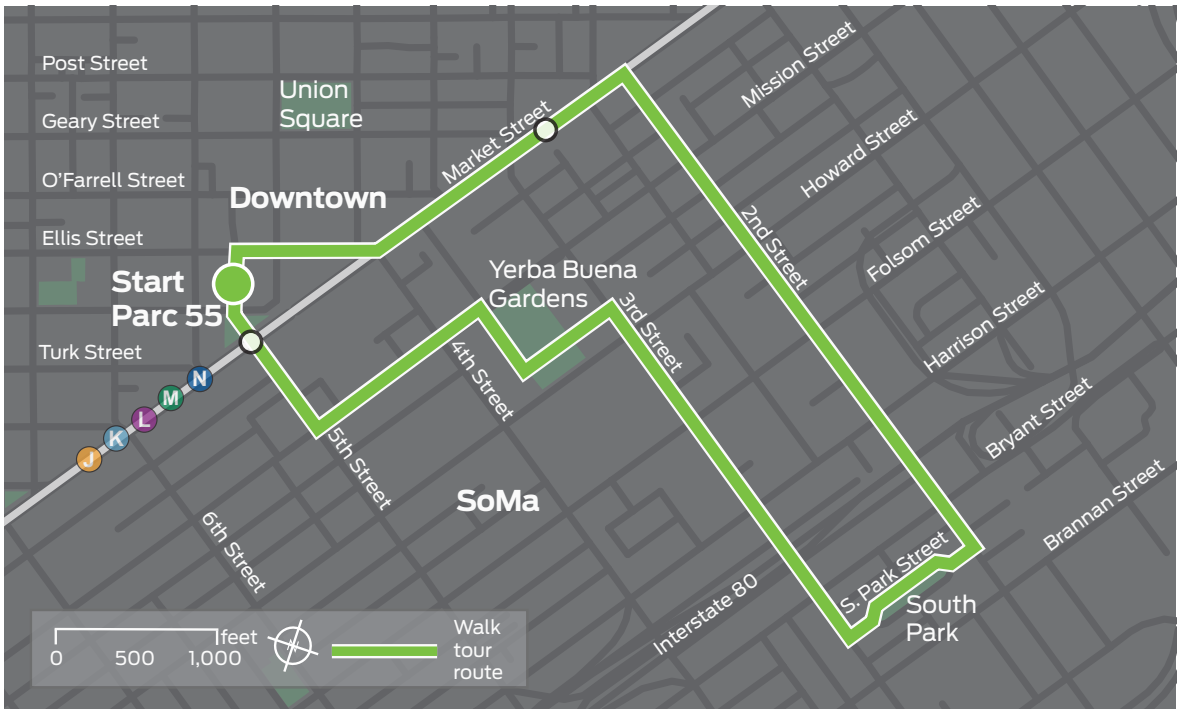
Led by:  
**Miriam Sorrell**  
 SFMTA  
 PUC Staff



## Vision Zero: Pedestrian Safety Innovations

After a surge in traffic fatalities in 2013, San Francisco leaders adopted Vision Zero – a goal to eliminate traffic deaths by 2024. To meet this goal, the City is implementing quick, cost effective treatments to prevent deaths and serious injuries along its most dangerous streets. The walk will highlight example infrastructure projects in the bustling streets of the Tenderloin, as well as the wide arterials and narrow alleys of SoMa. Participants who are looking to develop a Vision Zero goal in their communities will also learn about the policies and politics shaping Vision Zero in San Francisco.

Led by:  
**Nicole Schneider**  
 Walk SF  
**Neal Patel**  
 SFMTA



## Technology's Role in Collecting and Crowdsourcing Pedestrian Facility and Accessibility Data

Join us for an interactive tour of San Francisco's innovative pedestrian infrastructure and accessibility & safety treatments. We'll play with new App technologies for collecting inventory and quality data using tablets and smartphones while exploring the city.

Led by:

**Alice Grossman**

Georgia Institute of  
Technology

## Chinatown Alleys

Turning “Fish heads into fillets”: Join us for a walking tour of historic Chinatown alleyways and see how the community is transforming them into neighborhood assets.

Led by:

Jasmine Kaw

SF Department of Public Works

Rosa Chin

Chinatown Community Development Center





## Mission Neighborhood Bike Tour

Travel by bicycle on Market Street and use a new bicycle signal protected bike bay to turn onto Valencia Street—a bicycle route that has evolved through a number of iterations, from a ground-breaking road diet to a streetscape project to a street with the first two-way green wave timed for cyclists – to Cesar Chavez Street, a new streetscape project that is the largest road diet to date (at 50,000+ veh/day) that incorporates the latest in stormwater management measures. A partnership of the SF Department of Public Works (SFPW), the SF Public Utilities Commission (SFPUC), the SF Planning Department, and the SFMTA, the Cesar Chavez Streetscape Improvement Project installed green infrastructure along a one mile corridor and features 18 bioretention planters, along with two permeable pedestrian plazas. Return home along the Folsom Street green wave and see a successful example of a near term bikeway improvement to calm traffic and increase space for cyclists. This tour includes traveling by bicycle.

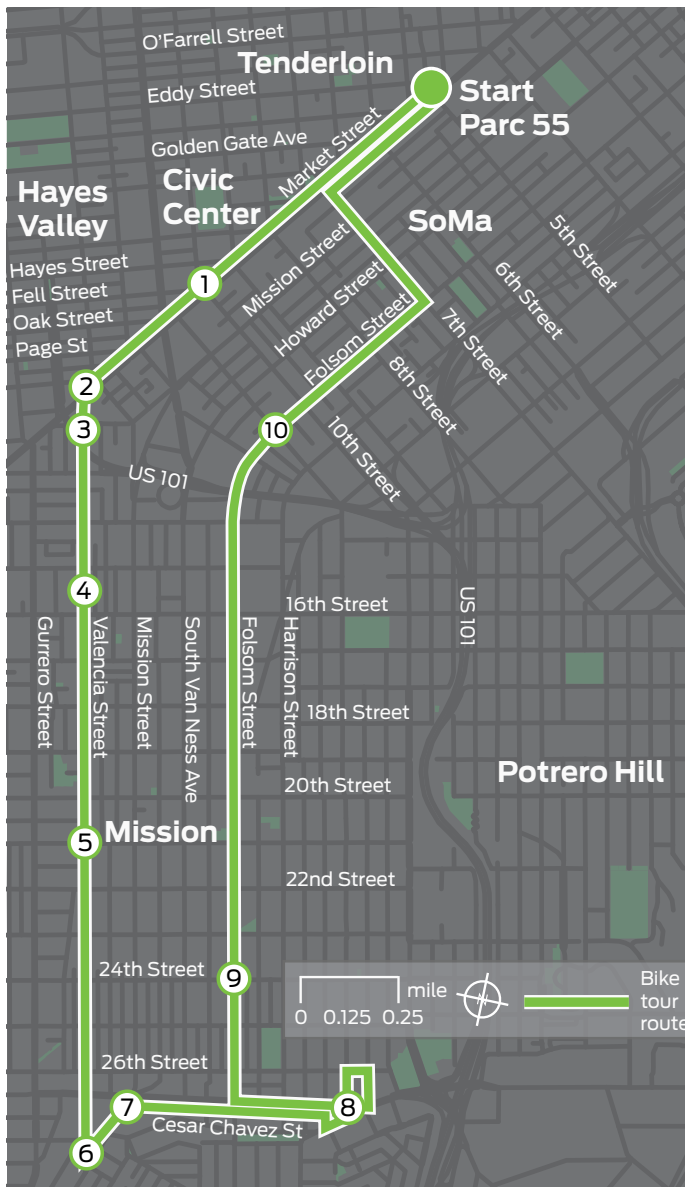
Led by:

**Christina Olea**

SFMTA

**Michael Adamow**

SF Public Utilities Commission



## Northeast Waterfront: Embarcadero Bike Tour

San Francisco's northeast waterfront has a long and dynamic history as an urban transportation corridor and threshold, from the Gold Rush and transcontinental railway to the age of ferries and freightliners, from an interstate freeway built and torn down to the at-grade multimodal roadway and open space network of the present. This bike tour will look at some of that history and the forces and politics that shaped the Embarcadero and preview the future of this remarkable roadway-space-place. This tour includes traveling by bicycle.

Led by:  
**Patrick Golier**  
SFMTA  
**Andy Thornley**  
SFMTA





## San Francisco Bike Share Tour

Staff who spearheaded bike sharing's implementation in San Francisco will lead this bike tour of key stations and bike facilities in the Civic Center and South of Market neighborhoods. This tour includes traveling by bicycle.

Led by:

**Heath Maddox**

SFMTA

**Matt Lasky**

SFMTA

// THURSDAY ONLY

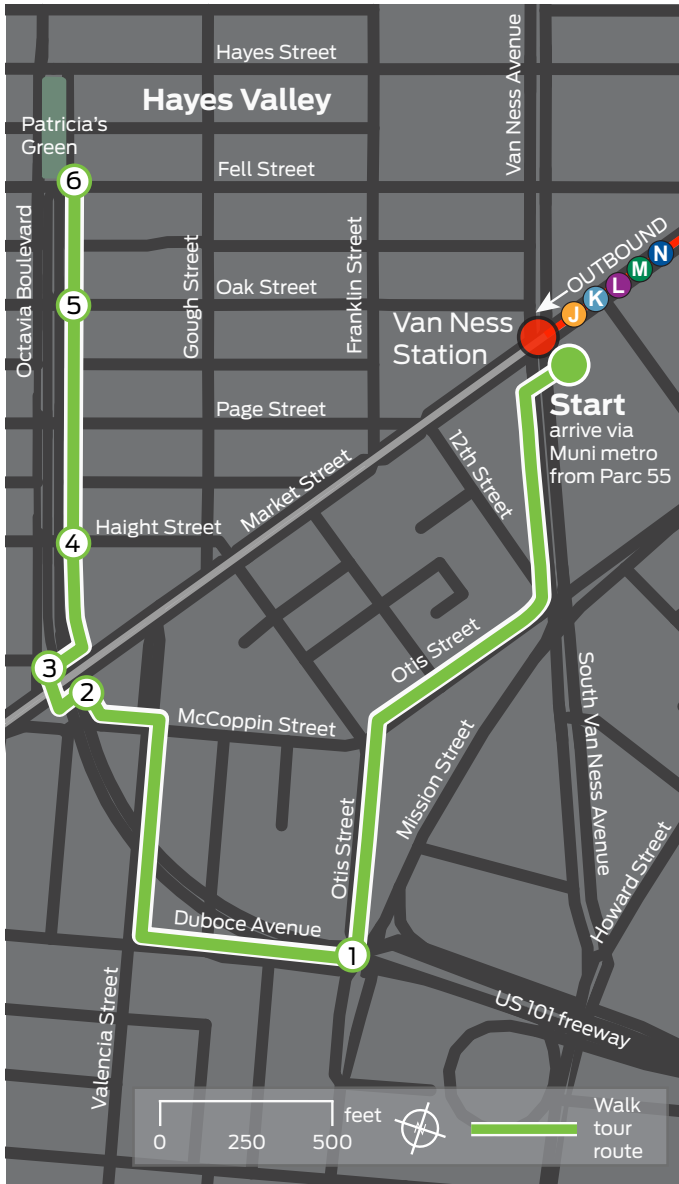
## Central Waterfront Tour: Land Use and Transportation Planning

The tour will first visit the San Francisco Ferry Building. After brief overview of the role this transit hub/regional destination plays in the Bay Area, we'll walk south along the Embarcadero, site of San Francisco's Freeway Revolt and subsequent elevated freeway demolition. We'll then take the T-Third light rail line to Mission Bay, a massive former railyard redeveloped to house the emerging campus of UCSF, biotech research centers, thousands of housing units, and several signature parks and community facilities. Just north of this area is a large parking lot proposed to be redeveloped as the mixed-use "Mission Rock". We'll walk across Third Street from UCSF to survey the site of the proposed new arena for the Golden State Warriors.

We then walk south into Dogpatch, a former industrial area adjacent to a small, vibrant Victorian neighborhood. We'll then walk into Pier 70, a collection of historic shipyard and steel buildings proposed for rehabilitation and redevelopment as a pedestrian-scaled, transit-oriented, mixed-use community.

Led by:  
**Peter Albert**  
SFMTA  
**Erin Miller**  
SFMTA  
**Lisa Fisher**  
AECOM





// FRIDAY ONLY

## Freeway Removed: The Central Freeway Debate, Octavia Boulevard, and Parking Policy in Hayes Valley

This walking tour begins at the intersection of Market and Van Ness where we'll briefly review transportation and land use politics in the area. Along the 2 1/2 hour walk, we will view the remaining elevated freeway, review the 1960s "freeway revolts" and the 1990s politics of freeway removal, discuss off-street parking policies and reform, and touch on some of the ongoing issues and concerns along the new Octavia Boulevard (including pedestrian safety, bicycle routes, transit improvements, and traffic calming). The tour ends at Patricia's Green in Hayes Valley where once a double-deck elevated freeway ran overhead. There we will consider the relationship between gentrification, sustainable transport, and livability.

Led by:

**Jason Henderson**

SF State University; Hayes Valley

Neighborhood Association

**Adam Gubser**

SFMTA

// THURSDAY ONLY

## Parklets of the Mission

The Mission District of San Francisco is the most parklet-dense neighborhood of any in the country. This tour will survey a number of parklets which exemplify a wide range of design strategies and sponsor types. The tour will terminate at the Mission Community Market, a non-profit outdoor market featuring local vendors. The market site will be developed into a new public plaza for community use and public events in early 2015.

Led by:  
**Ilaria Salvadori**  
SF Planning Department



// FRIDAY ONLY

## Parklets of the Outer Sunset

Parklets have wide adaptability to varying neighborhood contexts. This tour will highlight projects in San Francisco's Outer Sunset, a neighborhood of relative low density and high proportion of residential uses; conditions which are more representative of neighborhoods in the extended metro areas around the country. Parklet sponsors, and their designers, will discuss the process for conceiving, implementing, and operating these iconic local public spaces.

Led by:  
**Robin Abad**  
SF Planning Department





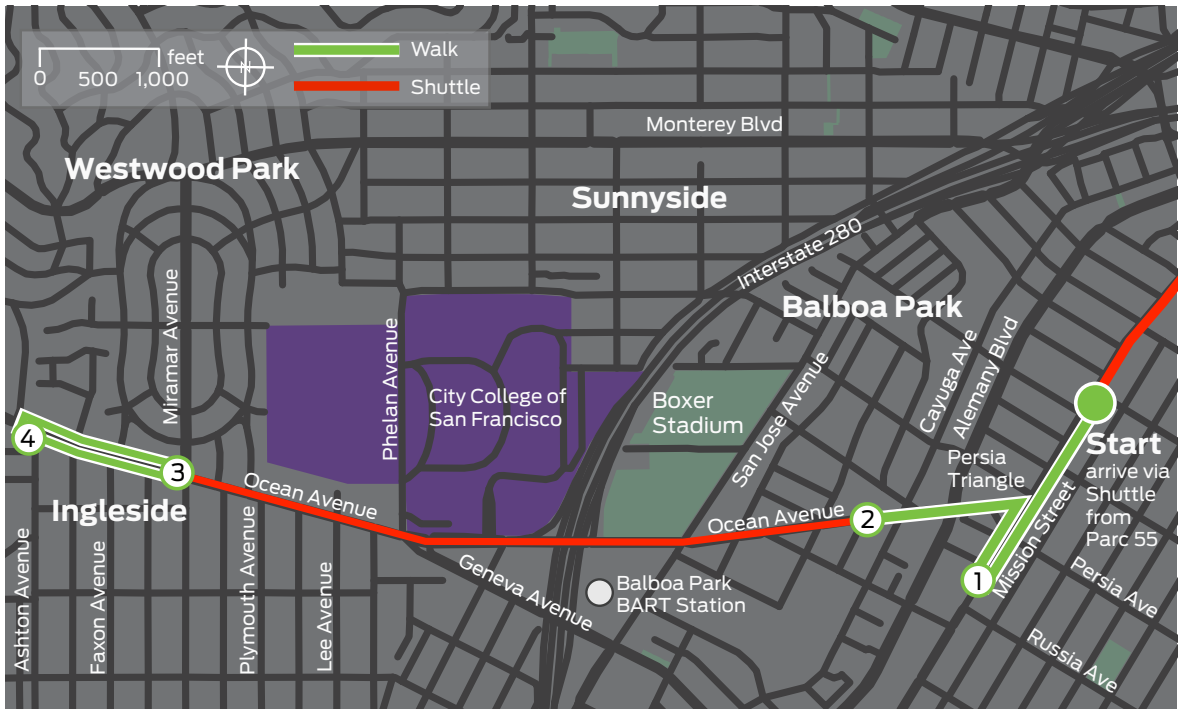
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### Pavement to Parks–Yerba Buena

Increasingly, interim urban design projects are proposed alongside permanent capital projects in district public space plans. The Yerba Buena Community Benefit District developed a Streetlife Plan which calls for a variety of treatments at a number of different scales. This District in the heart of downtown hosts a thriving cultural, institutional, office, and residential mix; creating heavy demand for comfortable and accessible open spaces. This tour will showcase Annie Alley Plaza, which was created by closing a small street to automobile traffic. Other relevant projects will include the District’s Parkmobiles and Mobile Bicycle Corral.

Led by:  
**Robin Abad**  
 SF Planning Department





//FRIDAY ONLY

### Pavement to Parks—Excelsior/Oceanview

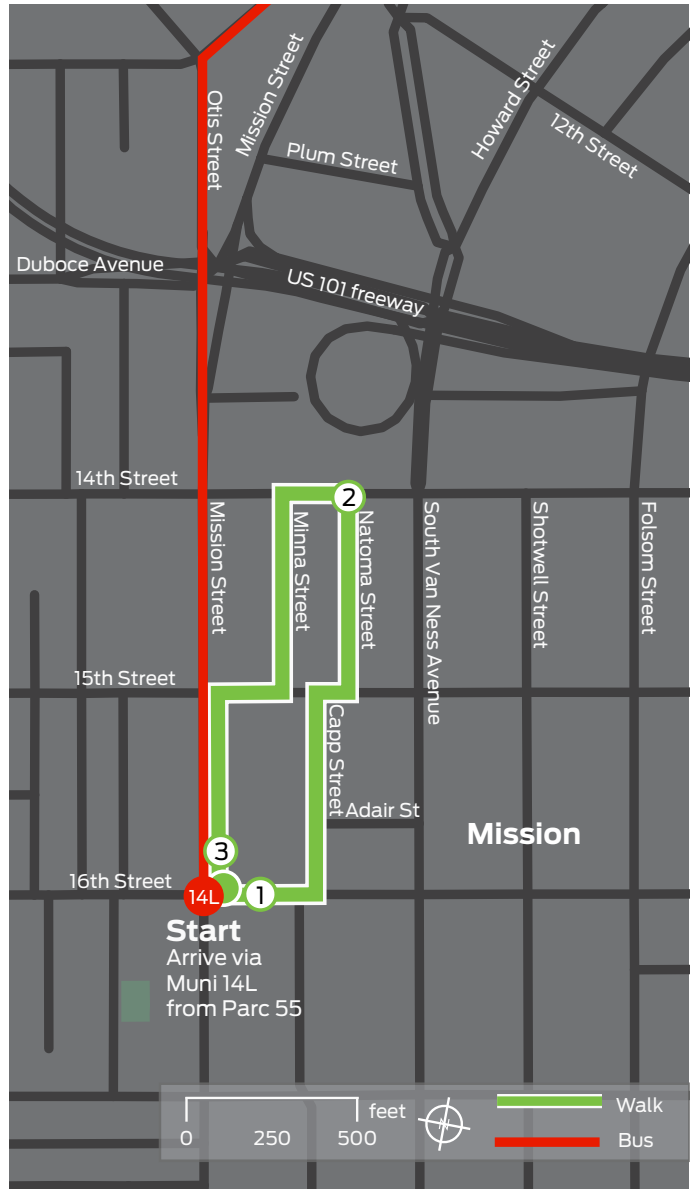
Plaza Projects involve intense community engagement and the long-term commitment of a local steward. This tour will highlight the work of the Excelsior Action Group, the driving force behind both Persia Triangle Plaza and a youth-designed parklet nearby. The process for creating the temporary plaza also influenced forthcoming permanent capital improvements for pedestrian safety and transit enhancement at the site.

Led by:  
**Ilaria Salvadori**  
 SF Planning Department

## “Home Zone” Traffic Calming Project

Tour the Minna-Natoma Home Zone, an innovative neighborhood-wide approach to traffic calming and school safety. Walking through one of the most rapidly changing neighborhoods in San Francisco, The Mission, we will explore how a combination of traffic calming measures work in conjunction to slow traffic and enhance safety.

Led by:  
**Cameron Beck**  
SFMTA



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REIMAGINING OUR STREETS



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